

STATEMENT OF QUALIFICATIONS

Name of Lab: Scientific Crime Detection Laboratory
5500 E. Tudor Road
Anchorage, AK 99507

Date: June 11, 2009

Name: Colleen O'Bryant

Job Title: Forensic Scientist III

Discipline(s): Indicate all areas in which you do casework.

Toxicology
Breath Alcohol

Education: List all higher academic institutions attended.

Institution	Dates attended	Major	Degree completed
North Dakota State University	2001-2005	Biotechnology	B.S.

Other Training: List continuing education, workshops, in-service and other formal training received.

Breath Alcohol Operator School (Certification), Anchorage (8 hours, 11/3/05)

The Robert F. Borkenstein Course on Alcohol, Drugs and Highway Safety: Testing, Research and Litigation, Indiana University, Bloomington, Indiana, (40 hours, 12/4/05-12/9/05)

DPS Academy Recertification Course – Breath Alcohol Operator Recertification Course, SFST Certification Course, Sitka, AK (24 hours, 1/17/06 – 1/19/06)

Breath Alcohol Supervisor School (Certification), Anchorage (40 hours, 3/12/06 – 3/17/07)

The Effects of Drugs on Human Performance & Behavior, Indiana University, Robert F. Borkenstein Center for Studies of Law in Action, (32 hours, 4/2/06 – 4/6/06)

Factory Training on Datamaster cdm Infrared Breath Alcohol Analyzer, National Patent Analytical Systems, Mansfield, Ohio (24 hours, 5/9/06 – 5/11/06)

OraSure Training – Immunoassay Drug Screen Techniques (16hours, 5/31/06 – 6/1/06)

Blood borne Pathogen Training, Scientific Crime Detection Laboratory, Anchorage, Alaska (1 hour, 6/5/06)

APD Academy SFST and DataMaster Operator's Course, Anchorage, AK (8 hours, 1/26/07) – Included observing a wet lab.

In-house training on analysis of blood alcohol (Approximately 500+hrs, 10/05-8/06) – Training including, but not limited to technical presentations, informal discussions, demonstration, reading assignments and practical laboratory exercises.

In-house training on analysis of breath alcohol (Approximately 3000+hrs, 10/05-6/06) – Training including, but not limited to administrative duties, safety training, Alco's, uploads, and using the Breath Alcohol Database, operator and supervisory duties, instrument maintenance, verification of calibrations, certifying and calibrating instruments legal issues, troubleshooting questions from the field and other miscellaneous tasks.

Expert Witness Testimony Techniques – Ron Smith & Associates, Inc. - Anchorage, AK (16 hours-7/28/08-7/29/08)

CPR/AED Adult Training - American Red Cross - Anchorage, AK (4 hours - 9/4/08)

Methods of Instruction – Anchorage Police Department Academy (40 hours – 12/8/08-12/12/08)

ASCLD/LAB International Breath Alcohol Calibration Preparation Course – Anchorage, AK (24 hours)

Courtroom Experience:

Blood/Breath Alcohol – May 2007 to present – 5 times

Breath Alcohol – December 2006 to present - 14 times

Blood Alcohol – February 2007 to present – 19 times

Homebrew – February 2008 to present – 2 times

Professional Affiliations:

CERTIFICATIONS HELD

Breath Test Supervisor

CLASSES TAUGHT TO LAW ENFORCEMENT PERSONNEL:

07/06/2006 Breath Alcohol Operators Re-Certification, Anchorage (4 hours)
12/22/2006 Breath Alcohol Operators Re-Certification, Cantwell (4 hours)
12/24/2006 Breath Alcohol Designated Operators Certification, Fairbanks (1 hour)
03/09/2007 Breath Alcohol Supervisor's Re-Certification Course (16 hours)
03/16/2007 Breath Alcohol Supervisor's Certification Course (40 hours)
04/17/2008 Breath Alcohol Supervisor's Re-Certification Course (16 hours)
04/21/2008 Breath Alcohol Supervisor's Certification Course (40 hours)
06/02/2008 Breath Alcohol Designated Operators Certification, Houston (1 hour)
07/11/2008 Breath Alcohol Operator's Certification/DO Recertification, Anchorage (8 hours)
10/06/2008 Breath Alcohol Operator's Certification/DO Certification, Haines (8 hours)
10/13/2008 Breath Alcohol Designated Operator's Certification, Fort Yukon (1 hour)
04/02/2009 Breath Alcohol Supervisor's Re-Certification Course (16 hours)
04/10/2009 Breath Alcohol Supervisor's Certification Course (40 hours)

Employment History:

- (1) Job Title: Forensic Scientist III
Employer: Alaska Department of Public Safety Scientific Crime Detection Laboratory
Anchorage, Alaska
Principal Duties: Acting Breath Alcohol Program Coordinator – maintain, repair evidentiary instruments.
Train and provide support to officers, Toxicology
Tenure: November 2008-Present
- (2) Job Title: Criminalist/Forensic Scientist II
Employer: Alaska Department of Public Safety Scientific Crime Detection Laboratory
Anchorage, Alaska
Principal Duties: Acting Breath Alcohol Program Coordinator – maintain, repair evidentiary instruments.
Train and provide support to officers, Toxicology
Tenure: October 2006 – November 2008
- (3) Job Title: Criminalist I
Employer: Alaska Department of Public Safety Scientific Crime Detection Laboratory
Anchorage, Alaska
Principal Duties: Breath Alcohol, Toxicology
Tenure: October, 2005 – October, 2006

- (4) Job Title: Fire Assay Technician
Employer: Fort Knox Gold Mine Laboratory
Fairbanks, AK
Principal Duties: Responsible for performing classical analytical techniques, inputting information into LIMS database, performing special task work and maintaining complete and accurate results.
Tenure: August 2005 – October 2005
- (5) Job Title: Laboratory Technician
Employer: North Dakota State University Biological Science Laboratory
Fargo, ND
Principal Duties: Actively pursuing research in the area of site directed mutagenesis of the manganese stabilizing protein of photosystem II.
Tenure: January 2004 – May 2005

Other Qualifications:

MEETINGS ATTENDED:

International Association for Chemical Testing (IACT) 05/04/07-05/10/07 Wilmington, NC
DataMaster Users group meeting, 5/03/07, Wilmington, NC
DRE Conference (7/31/07-8/2/07) Las Vegas, NV
Society of Forensic Toxicology (10/15/07-10/19/07) Raleigh, NC
International Association for Chemical Testing (IACT) 05/19/07-05/22/07 Phoenix, AZ
DataMaster Users group meeting, 5/17/08, Phoenix, AZ
International Association for Chemical Testing (IACT) 05/3/09-05/07-09, Anchorage, AK
DataMaster Users group meeting, 05/2/09 Anchorage, AK

BREATH TEST INSTRUMENT CERTIFICATION:

Factory Trained, DataMaster cdm Infrared Breath Alcohol Analyzer, National Patent Analytical Systems, Inc.

RESEARCH:

Site directed mutagenesis of the manganese stabilizing protein of photosystem II, North Dakota State University, 2004-2005